

AUG 22 2005

7. (Original) The method of claim 1, further communicating a remote control signal configured to affect operation of a dental base unit from the remote display unit to the dental base unit.
8. (Currently Amended) The method of claim [1] 3, wherein receiving the signal at the remote display unit controller further comprises receiving the signal from a base unit configured to measure a parameter selected from the group consisting of at least one of: an instrument location, an instrument orientation, a power status, a direction of rotation, a motor speed, a torque level, a power level, a magnification setting, a reservoir capacity, a flow rate, a pressure reading, a temperature reading, a time hack[,] and a display setting ~~and any combination thereof~~.
9. (Original) The method of claim 1, further comprising altering the dental data communicated via the display in response to at least one of received user input and an occurrence of a preset condition.
10. (Original) The method of claim 1, wherein communicating the dental data to the user further includes at least one of initiating the display and generating an audio cue in response to a preset condition.
11. (Original) The method of claim 1, wherein communicating the dental data to the user further includes communicating dental data comprising a plurality of dental parameters.
12. (Original) The method of claim 1, wherein communicating the dental data to the user further includes communicating dental data comprising a product derived from a plurality of dental parameters.

Page 3 of 10
Serial No. 10/729,762
Amendment and Response dated August 22, 2005
Reply to Office Action of May 20, 2005
WH&E EIE/072US
K:\EIE\072US\Amendment and Response re 5-20-05 OA.wpd

13. (Original) The method of claim 1, further comprising updating the dental data.
14. (Currently Amended) A remote display unit comprising:
an enclosure having a fastener for attachment proximate to an object of a
~~to a position within view of a user during a dental procedure;~~
a display coupled to the enclosure, the display configured to communicate
dental data to the user such that the user concurrently views the dental data and
the object of the dental procedure; and
a controller in communication with the display configured to receive a
control signal that conveys the dental data from a dental base unit having an
associated display remote from the enclosure, wherein the controller is further
configured to adjust the display to communicate the dental data to the user
~~observer~~ from the position.
15. (Currently Amended) The remote display unit of claim 14, wherein the dental
data includes a parameter selected from the group consisting of at least one of: an
instrument location, an instrument orientation, power status, magnification power, a
power status, a direction of rotation, a motor speed, a torque level, a power level, a
reservoir capacity, a flow rate, a pressure reading, a temperature reading, a time reading, a
patient condition[,] and a display setting ~~and any combination thereof.~~
16. (Original) The remote display unit of claim 14, wherein transmission of the
control signal to the controller is wireless.
17. (Original) The remote display unit of claim 14, wherein the controller effectively
simultaneously receives the dental data from a plurality of dental base units.

18. (Original) The remote display unit of claim 14, wherein the controller initiates disabling at least a portion of the remote display.
19. (Original) The remote display unit of claim 14, wherein the controller communicates the dental data by conjunctively processing multiple dental parameters.
20. (Original) The remote display unit of claim 14, wherein the display includes a presentation device selected from the group consisting of at least one of: a liquid crystal display, a television, a ray tube, a computer monitor, an eyepiece, eye wear, a light emitting diode and a laser projection device.
21. (Original) The remote display unit of claim 14, wherein the display is adjusted in response to at least one of user input and an occurrence of a preset condition.
22. (Currently Amended) The remote display unit of claim 14, wherein the dental data is communicated in a format selected from the group consisting of at least one of: text, a graph, a color scheme, video, a photograph, a numerical readout, a symbol, a shape scheme[,] and a light ~~and some combination thereof~~.
23. (Original) The remote display unit of claim 14, further comprising a circuit for generating an audio signal.
24. (Currently Amended) A remote dental display system comprising:
a dental unit for generating dental data, wherein the dental unit includes an associated display;
an enclosure having a fastener for attachment proximate to an object of a
~~to a position within view of a user during a dental procedure;~~

a remote display coupled to the enclosure, the display configured to communicate dental data to the user such that the user concurrently views the dental data and the object of the dental procedure; and

a controller in communication with the display configured to receive a signal that conveys the dental data from the dental unit, wherein the controller is further configured to adjust the display to communicate the dental data to the observer from the position.

Page 6 of 10
Serial No. 10/729,762
Amendment and Response dated August 22, 2005
Reply to Office Action of May 20, 2005
WH&E EIE/072US
K:\EIE\072US\Amendment and Response re 5-20-05 OA.wpd